

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063324.D
 Acq On : 2 Aug 2019 18:39
 Operator : VA/AP
 Sample : K4130-05
 Misc : 5.84g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F4-(0-1)

Quant Time: Aug 04 04:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

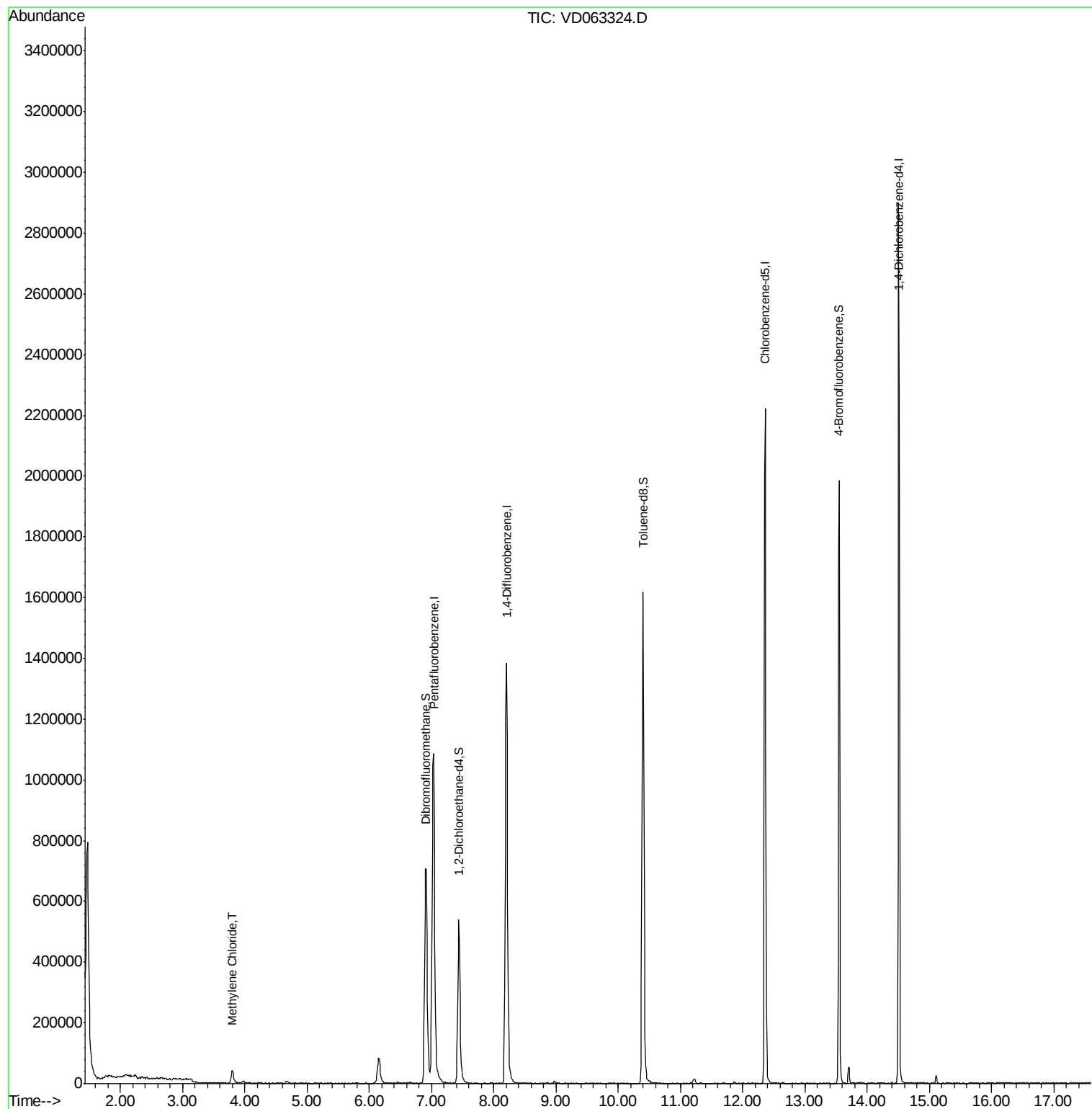
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1107482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1568233	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1247071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	654753	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	580768	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	6.92	113	651556	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.40	98	1348716	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
62) 4-Bromofluorobenzene	13.55	95	578128	42.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.68%	
Target Compounds						
20) Methylene Chloride	3.80	84	27143	2.805	ug/l #	Qvalue 83

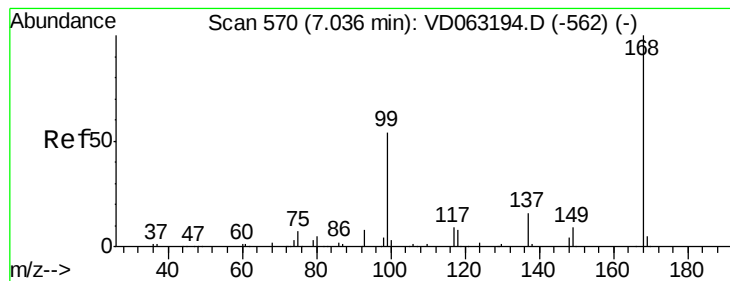
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

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MSVOA_D

ClientSampleId :

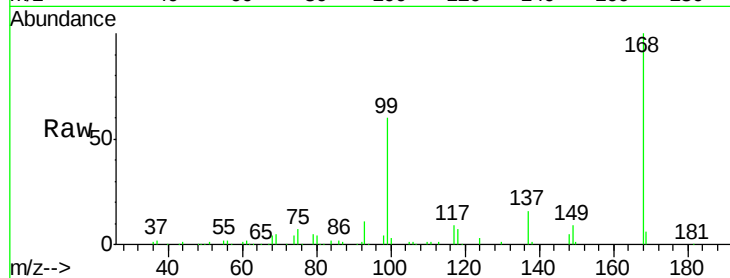
1S-F4-(0-1)

Tot Ion:168 Resp: 1107482

Ion Ratio Lower Upper

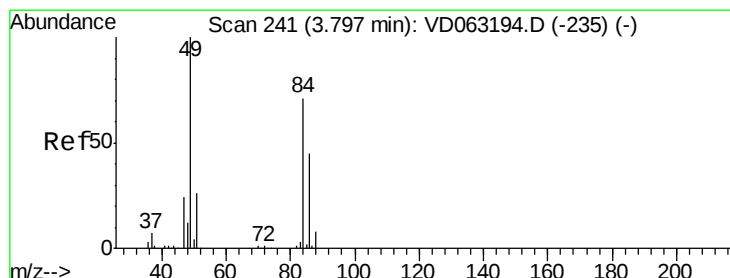
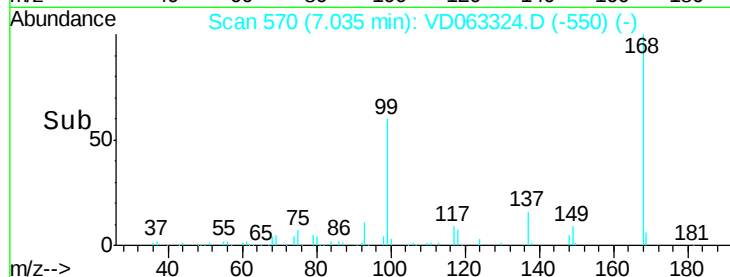
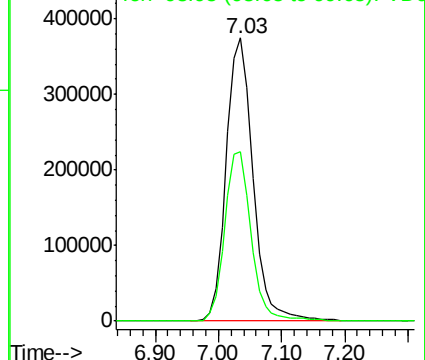
168 100

99 59.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.805 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD063324.D

Acq: 2 Aug 2019 18:39

Tgt Ion: 84 Resp: 27143

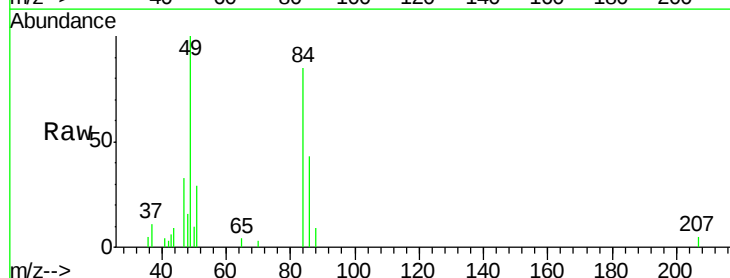
Ion Ratio Lower Upper

84 100

49 117.1 112.5 168.7

51 33.6 29.6 44.4

86 49.9 50.4 75.6#

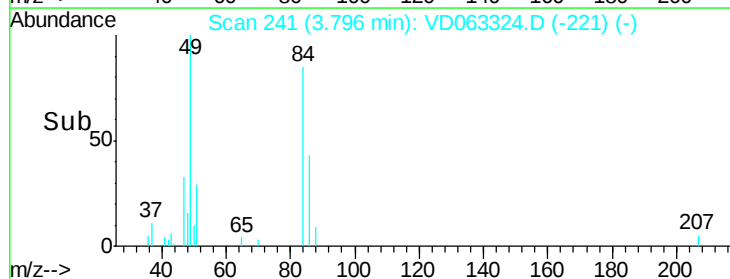
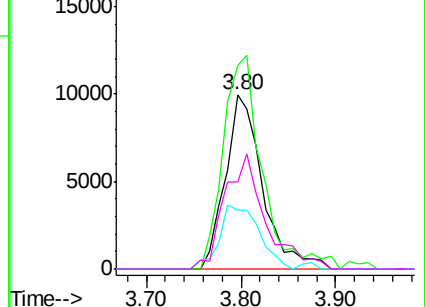


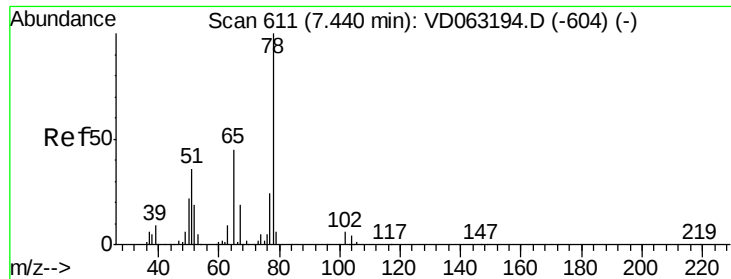
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

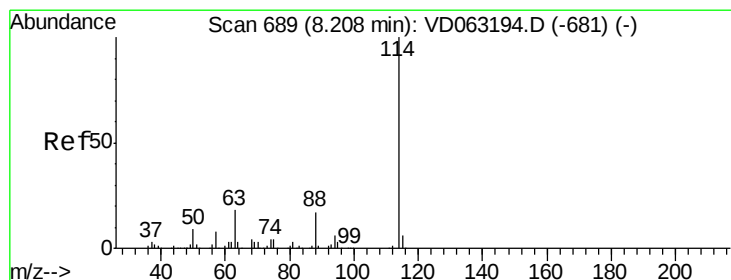
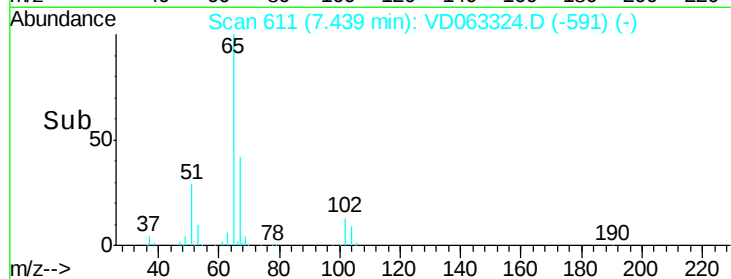
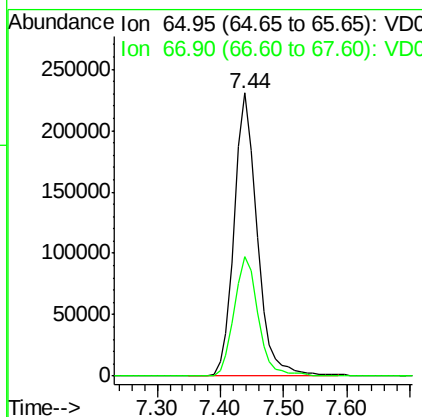
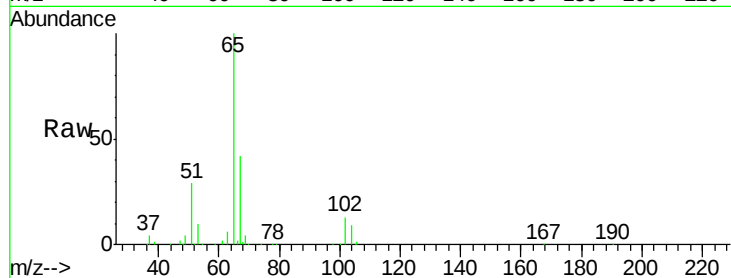




#33
 1,2-Dichloroethane-d4
 Concen: 47.261 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD063324.D
 Acq: 2 Aug 2019 18:39

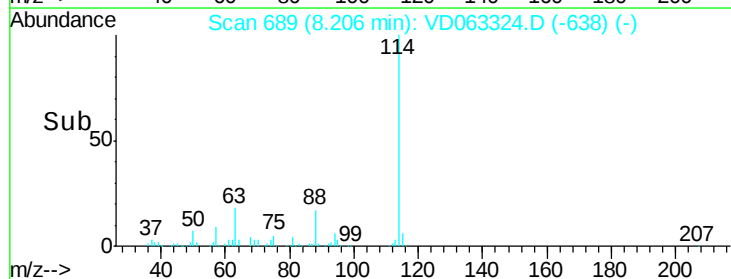
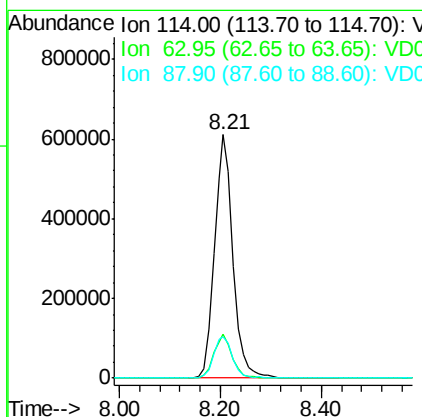
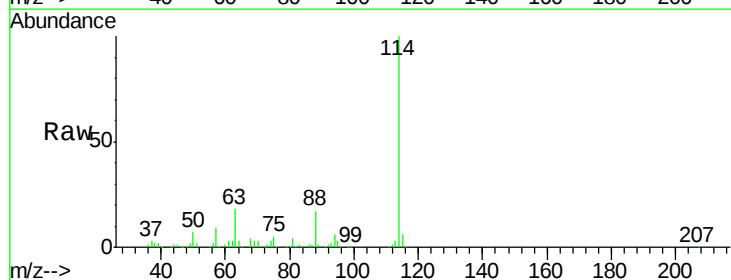
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F4-(0-1)

Tot Ion: 65 Resp: 580768
 Ion Ratio Lower Upper
 65 100
 67 42.4 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063324.D
 Acq: 2 Aug 2019 18:39

Tgt Ion: 114 Resp: 1568233
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 17.0 0.0 34.6





#35

Dibromofluoromethane

Concen: 48.662 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063324.D

Acq: 2 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

1S-F4-(0-1)

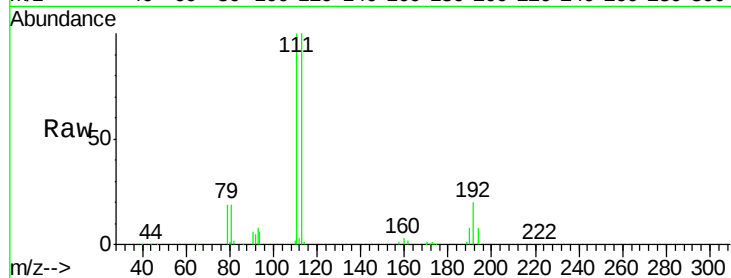
Tot Ion:113 Resp: 651556

Ion Ratio Lower Upper

113 100

111 100.1 83.2 124.8

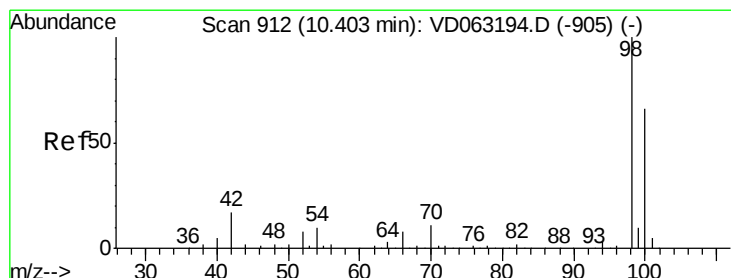
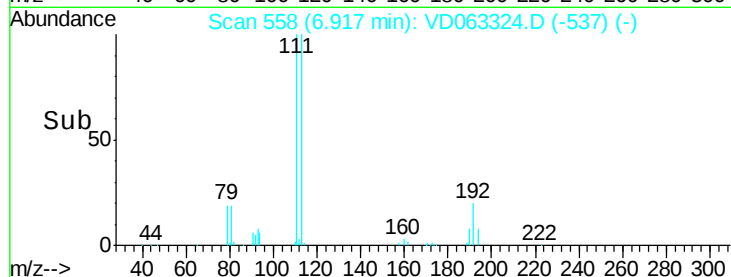
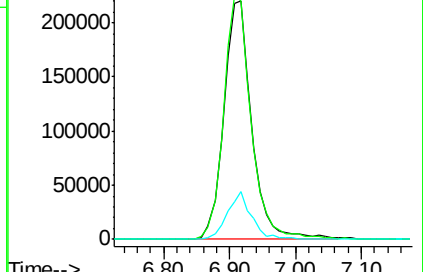
192 20.2 11.8 17.8#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 45.009 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063324.D

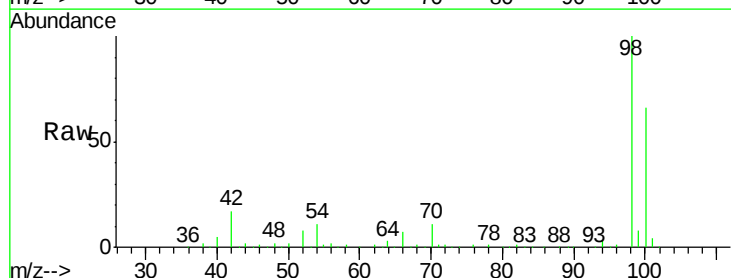
Acq: 2 Aug 2019 18:39

Tgt Ion: 98 Resp: 1348716

Ion Ratio Lower Upper

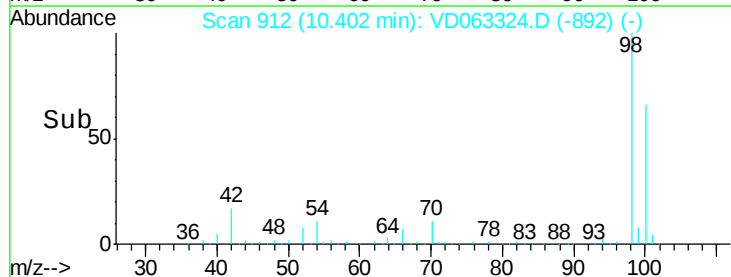
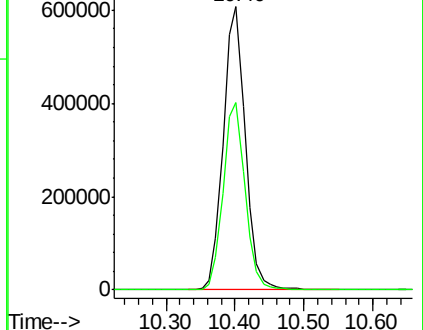
98 100

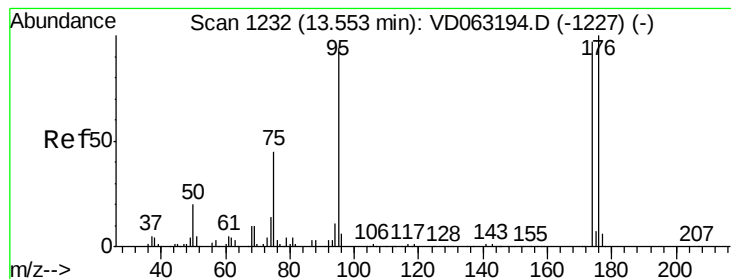
100 66.1 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 42.338 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063324.D

Acq: 2 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

1S-F4-(0-1)

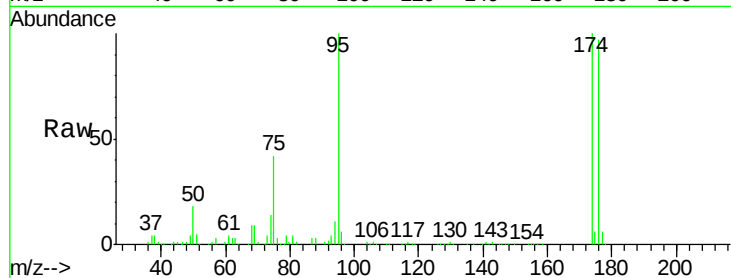
Tot Ion: 95 Resp: 578128

Ion Ratio Lower Upper

95 100

174 100.0 0.0 205.4

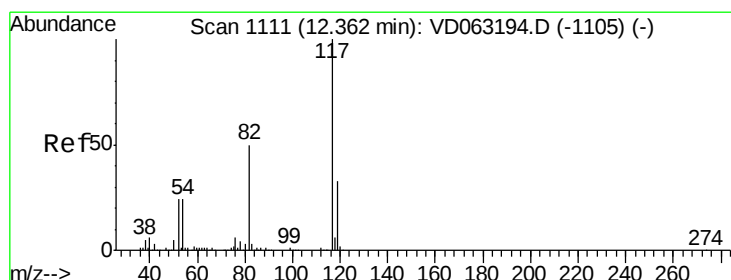
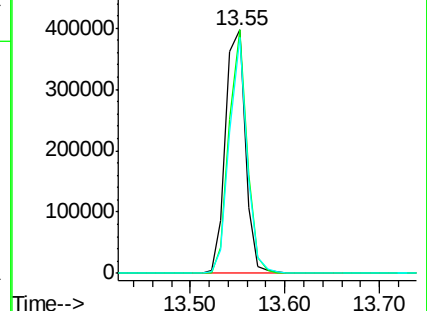
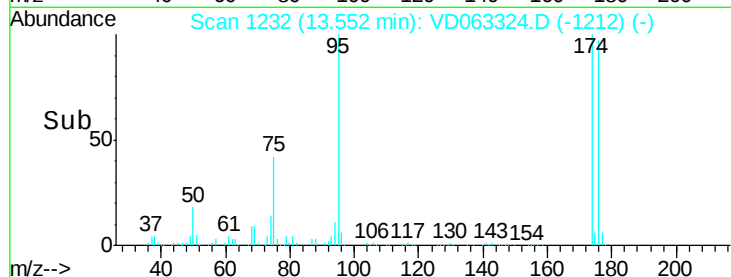
176 96.9 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD063324.D

Acq: 2 Aug 2019 18:39

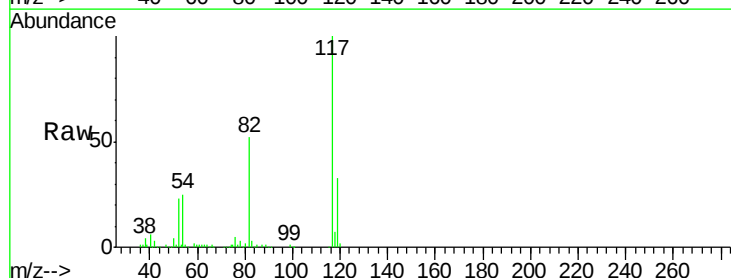
Tgt Ion: 117 Resp: 1247071

Ion Ratio Lower Upper

117 100

82 52.5 40.1 60.1

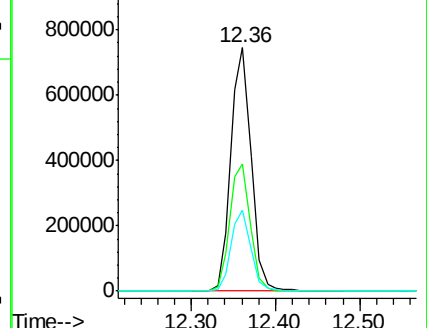
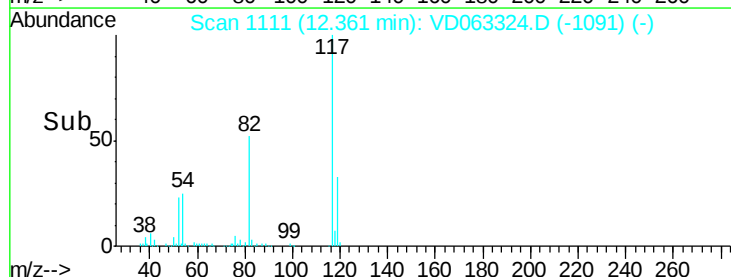
119 33.2 26.5 39.7

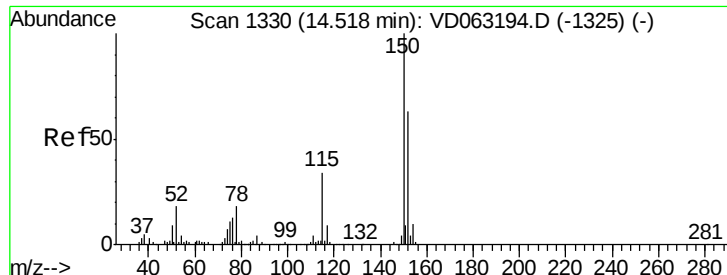


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063324.D

Acq: 2 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

1S-F4-(0-1)

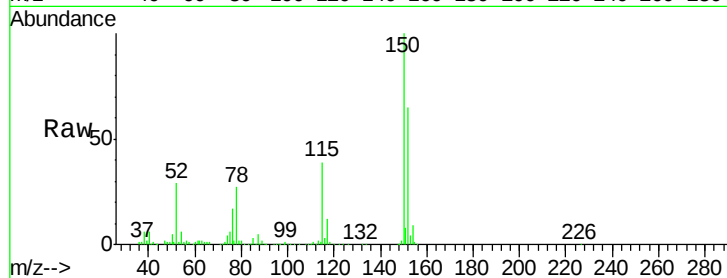
Tot Ion:152 Resp: 654753

Ion Ratio Lower Upper

152 100

115 60.4 27.5 82.4

150 153.6 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

